

P23878.P01

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

P23878

Total Pages

 Inventors or Application Identifier
 Sang Chul YOON, Duck Gu JEON, Jae Sik JUNG, and
 Jae Hwan KWON

 Title: CENTRAL CONTROL SYSTEM FOR CONTROLLING
 MULTIPLE AIR CONDITIONERS AND METHOD
 FOR OPERATING THE SAME

ADDRESS TO:

 Commissioner for Patents
 Mail Stop Patent Application
 PO Box 1450
 Alexandria, VA 22313-1450

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
 - a. ☐ Small Entity Statement(s)
3. ☒ Specification [Total Pages 15]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 3]
5. ☒ Oath or Declaration [Total Pages 4]
 - a. ☒ Newly executed (original or copy) ☐ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 20 completed)
[Note Box 6 below]
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Incorporation By Reference (useable if Box 5b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 5b, is
considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer
Program (Appendix)

ACCOMPANYING APPLICATION PARTS

9. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published 2
17. ☒ Foreign priority claimed
 - a. ☒ Claim of Priority
 - b. ☒ Certified Copy of Priority Document(s)
18. ☐ Nonpublication Request under 35 U.S.C. 122 (b) (2) (B) (i).
Applicant must attach form PTO/SB/35 or its equivalent.
19. ☒ Assignee: LG Electronics Inc.
of Seoul, REPUBLIC OF KOREA
20. ☒ Other: Cover Letter Regarding Executed Application

 21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the
 specification following the title, or in an Application Data Sheet under 37 C.F.R. 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. _____ / _____, filed _____.
 Prior application information: Examiner: _____ Group Art Unit: _____
Address all future correspondence to **Customer No. 7055** at the present address of:
 GREENBLUM & BERNSTEIN, P.L.C.
 1950 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

Date

Signature

 Bruce H. Bernstein, Reg. No. 29,027
 Typed or Printed Name

FEE TRANSMITTAL		Complete if Known	
		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Sang Chul YOON et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
TOTAL AMOUNT OF PAYMENT (\$) 810.00		Attorney Docket Number P23878	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																												
<p>1. <input checked="" type="checkbox"/> The U.S Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="padding-left: 20px;"><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p style="text-align: center;">FEE CALCULATION (fees effective 10/01/03)</p> <p>1. FILING FEE</p> <table style="width:100%; border-collapse: collapse;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> <td><u>\$770.00</u></td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> <td>_____</td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td>_____</td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td>_____</td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td>_____</td> </tr> <tr> <td colspan="5">SUBTOTAL (1)</td> <td>(\$)<u>770.00</u></td> </tr> </table> <p>2. CLAIMS</p> <table style="width:100%; border-collapse: collapse;"> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td>Independent Claims <u>8</u> -20= <u>0</u></td> <td><u>0</u> x <u>18</u></td> <td>= <u>0</u></td> <td><u>0</u></td> </tr> <tr> <td>Multiple Dependent Claims <u>0</u> -3= <u>0</u></td> <td><u>0</u> x <u>86</u></td> <td>= <u>0</u></td> <td><u>0</u></td> </tr> </table> <table style="width:100%; border-collapse: collapse;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td>_____</td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> <td>_____</td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim</td> <td>_____</td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>Reissue independent claims over original patent</td> <td>_____</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> <td>_____</td> </tr> <tr> <td colspan="5">SUBTOTAL (2)</td> <td>(\$)<u>0.00</u></td> </tr> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee	<u>\$770.00</u>	1002	340	2002	170	Design filing fee	_____	1003	530	2003	265	Plant filing fee	_____	1004	770	2004	385	Reissue filing fee	_____	1005	160	2005	80	Provisional filing fee	_____	SUBTOTAL (1)					(\$)<u>770.00</u>	Total Claims	Extra	Fee from below	Fee Paid	Independent Claims <u>8</u> -20= <u>0</u>	<u>0</u> x <u>18</u>	= <u>0</u>	<u>0</u>	Multiple Dependent Claims <u>0</u> -3= <u>0</u>	<u>0</u> x <u>86</u>	= <u>0</u>	<u>0</u>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1202	18	2202	9	Claims in excess of 20	_____	1201	86	2201	43	Independent claims in excess of 3	_____	1203	290	2203	145	Multiple dependent claim	_____	1204	86	2204	43	Reissue independent claims over original patent	_____	1205	18	2205	9	Reissue claims in excess of 20 and over original patent	_____	SUBTOTAL (2)					(\$)<u>0.00</u>	<p>3. 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late filing fee or oath	_____	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	_____	1053	130	1053	130	Non-English specification	_____	1812	2,520	1812	2,520	For filing a request for reexamination	_____	1804	920*	1804	920*	Requesting publication of SIR	_____					Prior to Examiner action	_____	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____	1251	110	2251	55	Extension for response within 1st month	_____	1252	420	2252	210	Extension for response within 2nd month	_____	1253	950	2253	475	Extension for response within 3rd month	_____	1254	1,480	2254	740	Extension for response within 4th month	_____	1255	2,010	2255	1,005	Extension for response within 5th month	_____	1401	330	2401	165	Notice of Appeal	_____	1402	330	2402	165	Filing a brief in support of an appeal	_____	1403	290	2403	145	Request for oral hearing	_____	1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____	1452	110	2452	55	Petition to revive unavoidably abandoned application	_____	1453	1,330	2453	665	Petition to revive unintentionally abandoned application	_____	1501	1,330	2501	665	Utility issue fee (or reissue)	_____	1502	480	2502	240	Design issue fee	_____	1503	640	2503	320	Plant issue fee	_____	1460	130	1460	130	Petitions to the Commissioner	_____	1807	50	1807	50	Petitions related to provisional applications	_____	1806	180	1806	180	Submission of IDS	_____	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<u>\$40.00</u>	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	_____	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	_____	1801	770	2801	385	Request for Continued Examination (RCE)	_____	1802	900	1802	900	Request for expedited examination of a design application	_____	Other fee (specify) _____					_____	Other fee (specify) _____					_____	SUBTOTAL (3)					(\$)<u>40.00</u>	*Reduced by Basic Filing Fee paid					
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1503	640	2503	320	Plant issue fee	_____																																																																																																																																																																																																																																																																																																								
1460	130	1460	130	Petitions to the Commissioner	_____																																																																																																																																																																																																																																																																																																								
1807	50	1807	50	Petitions related to provisional applications	_____																																																																																																																																																																																																																																																																																																								
1806	180	1806	180	Submission of IDS	_____																																																																																																																																																																																																																																																																																																								
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<u>\$40.00</u>																																																																																																																																																																																																																																																																																																								
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	_____																																																																																																																																																																																																																																																																																																								
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	_____																																																																																																																																																																																																																																																																																																								
1801	770	2801	385	Request for Continued Examination (RCE)	_____																																																																																																																																																																																																																																																																																																								
1802	900	1802	900	Request for expedited examination of a design application	_____																																																																																																																																																																																																																																																																																																								
Other fee (specify) _____					_____																																																																																																																																																																																																																																																																																																								
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SUBTOTAL (3)					(\$)<u>40.00</u>																																																																																																																																																																																																																																																																																																								
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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number 29,027	
Signature <i>Bernstein</i>		Date <u>11/7/03</u>		Deposit Account User ID 19-0089	

P23878.A01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Sang Chul YOON et al.

Applications Branch

Appln. No. : Not yet assigned

Filed : Concurrently herewith

For : CENTRAL CONTROL SYSTEM FOR CONTROLLING MULTIPLE
AIR CONDITIONERS AND METHOD FOR OPERATING THE SAME

COVER LETTER REGARDING EXECUTED APPLICATION

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

The undersigned points out that the executed application being filed herewith includes pages 1 - 4 of the executed declaration which were forwarded by Applicants' Korean representative and pages 1 - 15 of the specification (with Figures 1 - 4) which were provided by the law firm of the undersigned. It is noted that the pages submitted by the law firm of the undersigned are identical to those sent to Applicants' Korean representative. Further, the undersigned has been advised that the inventors have reviewed the application before executing the declaration.

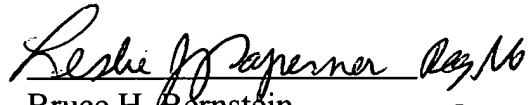
Accordingly, Applicants respectfully submit that the present application is properly executed and should be considered as filed in executed form. However, if the U.S. Patent and Trademark Office determines that the present application is not properly executed,

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Applicants respectfully request that the present application be treated as an unexecuted application under 37 C.F.R. 1.53(f).

Should there be any questions regarding this paper, please contact the undersigned at the below listed number.

Respectfully submitted,
Sang Chul YOON et al.


Bruce H. Bernstein
Reg. No. 29,027

33,329

November 6, 2003
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